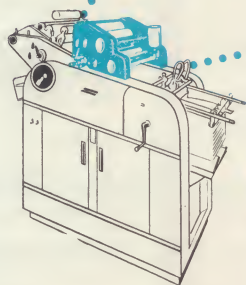
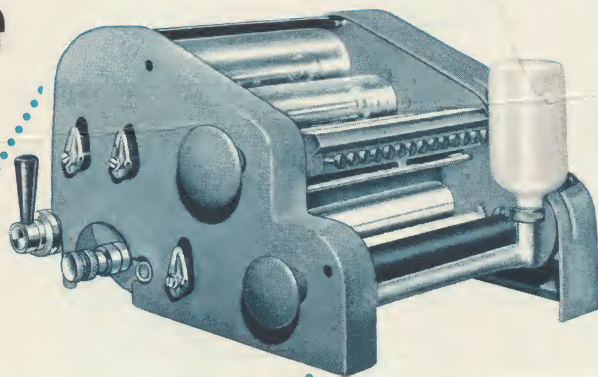


With your 1250 or 1250W Multilith . . .

Print **TWO COLORS**
at the
same
time



Just attach a

T-51 COLOR PRESS

- Increase production 100%
- Print two colors at one time from the same blanket
- No wash-up between colors
- Perfect registration which can be held indefinitely
- Flexible — either head can be run as a single color unit

With the T-51 or T-51 LW Color Press attached to your 1250 or 1250W Multilith, you can print two colors simultaneously from the same blanket, thus increasing production 100%!

Each model contains a plate cylinder and a complete inking and water system. It is geared directly to the Multilith; attached by clamp-on brackets. When desired, it may be easily disengaged or removed. Fully guaranteed!

IMPRINT FORMS OR RUN MAGNETIC INK regardless of color. No preprinting, no storage, no waste. Ask for details.

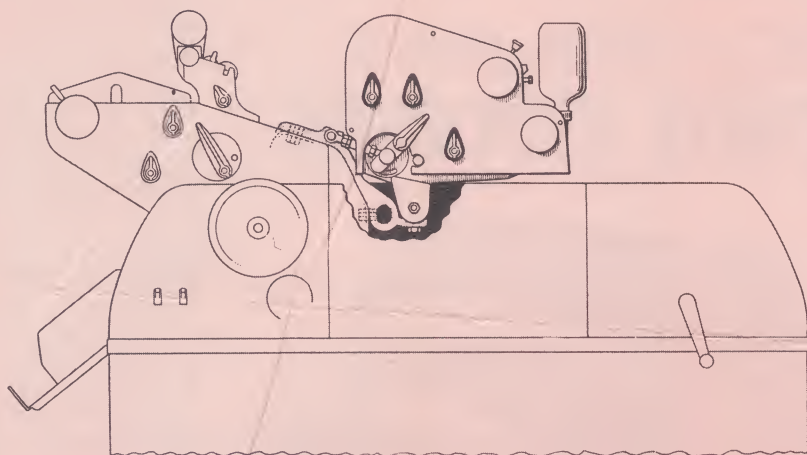
PRINTED WITH
1250W & T-51LW

Your Dealer

Townsend
INDUSTRIES, INC.

The T-51 or T51LW Color Press . . .

\$1500 \$1775

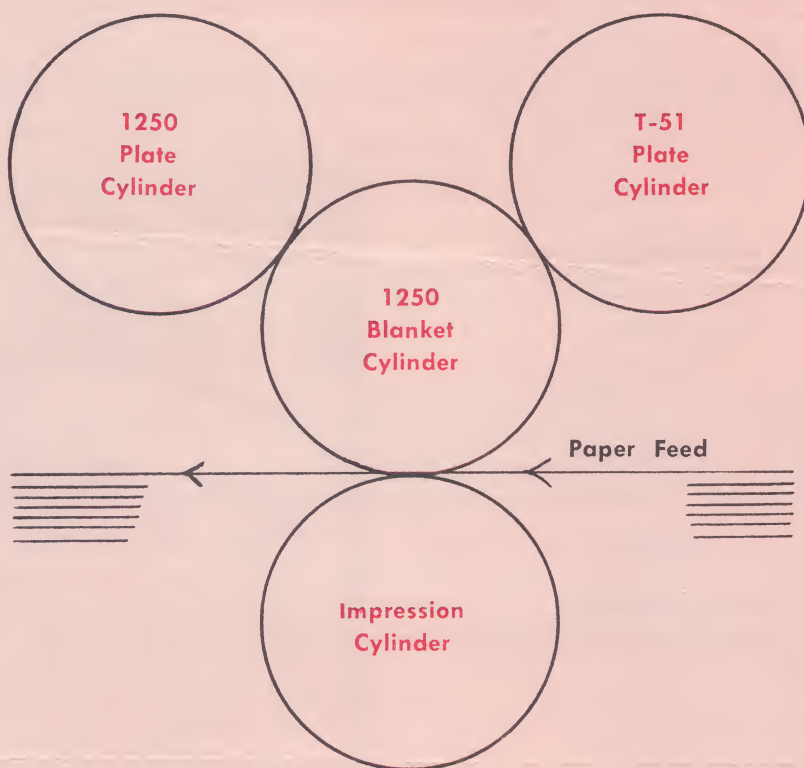


a complete printing head— not an auxiliary attachment

The T-51 contains a full capacity, self-sufficient inking and dampening system. It has a plate cylinder designed to easily handle any plate or master which would normally be run on the 1250 Multilith. The basic controls are very similar to those used on the 1250 facilitating easy adaptation to the unit by the pressman. In addition, there are special micro control adjustments for register, including a vertical adjustment of 360° (or the entire length of the plate) a horizontal adjustment of 1/4" and a micro adjustment for straightening or twisting plates. In short, "Peak Production — Maximum capacity — Infinite control."

A New Printing Concept . . .

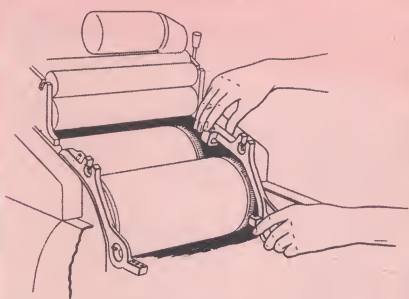
T-51 COLOR



Revolutionary new principle allows **both colors** to be transferred to the paper simultaneously from the **same blanket**. The T-51 contains a plate cylinder and a complete inking and dampening system. Note that both plate cylinders transfer their image to a common blanket, which in turn prints both colors on the paper.

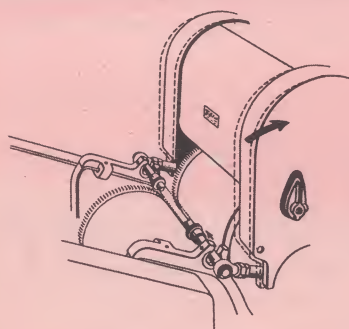
THIS BROCHURE PRODUCED ON THE T-51LW-125

Revolutionary Design Concept . . .



installation without alteration

The T-51 is easily mounted on your 1250 without altering the 1250 in any way. That is accomplished by simple clamp-on brackets specially designed for quick easy installation combined with maximum accessibility to 1250 plate, 1250 blanket, T-51 plate and 1250 feed table. There are no holes drilled in the 1250 nor is it altered in any way. The original installation requires approximately 30 to 45 minutes.



TILT BACK TO DISENGAGE

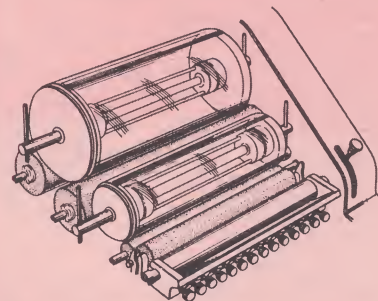
added flexibility for your operation

To illustrate this, you may use the T-51 — 1250 combination in any of the following ways:

- A. For running two color work, (one time through) example: Black and Blue).
- B. For single color on the T-51 (Black) no wash up required.
- C. For single color on the 1250 (Blue) no wash up required.

This means just one thing—"Service Plus for your Customers!"

Note: The T-51 can easily be disengaged by tilting back slightly. In this position the T-51 will not idle but remain stationary ready to be put into immediate action.



built-in extras for the pressman's convenience

These are many additional features such as the transparent rolls used, which will neither glaze nor strip, clean up fast, and yet have tremendous ink recovery powers. Also the jumbo oscillator is built-in as standard equipment. In the water system an extra distributor roll has been added and an over-size water oscillator used to assure maximum control. These and many other features can be fully appreciated by seeing them in action.

"PLUS FACTORS" of the T-51 plate cylinder

The plate cylinder is one of the most critical portion of any offset press and as such, was subject to intense engineering study during the design stages. This led to several innovations which have been greatly appreciated by pressmen throughout the country.

The cylinder is undercut beyond the edges of the plate. The entire plate cylinder is moved from side to side for horizontal registration, instead of moving the plate on the surface of the cylinder. This allows us to undercut the cylinder beyond the edges of the plate. Thus you have no tracking problem along the edges of the blanket, because you literally have no contact at this point.

A Micro Adjustment for horizontal registration is located on the operator's side, just below the impression handle. This adjustment allows the pressman to move the image a full $\frac{1}{4}$ " sideways. This adjustment can be made while running if desirable. **A cylinder lock**, as illustrated, is located on the operator's side of the machine and facilitates fast, accurate, adjustment, made with ease, for vertical registration.

Micro Plate Straightening Adjustment. The plate clamp for the lead edge of the plate is free to pivot and the plate clamp on the trailing edge is controlled by a micro adjustment inside the cylinder. By merely turning one large knurled knob inside the cylinder the trailing edge of the plate may be moved sideways to straighten a crooked plate into register. All moving parts of this adjustment are within the cylinder wall and will not become stuck or gummed up with excess ink, fountain solution, rust, etc.

Non-corrosive. The entire cylinder is chrome-plated with oil-sealed bearings and all adjacent parts of stainless steel. This obviously leads to little maintenance and easy cleanup.

OW COMBINATION, ONE TIME THROUGH PRESS

I'd Like To Know . . .

Do you drill holes in my 1250?

No, the 1250 is not altered in any way. The T-51 is held by brackets which are attached by tightening four set screws against the 1250 side plates.

How long does it take to install?

The average pressman can make the initial installation in about 30 minutes to one hour. To set the press on and off in the future requires about 5 minutes.

Does it take long to set up?

It takes no longer to set up a two color job with the T-51 than it would to set up the same job twice, (once for the original color, once for the second color) as with the normal procedure. In addition to this you eliminate the time spent cleaning up from the first color to the second.

Does it take special training to run it?

No, any operator of the 1250 will quickly adjust to running the T-51. As with any press, the operator will become more proficient with experience.

Will it run paper masters?

Yes, the T-51 will run any plate or master the 1250 will run. This is particularly valuable when doing imprinting.

What size sheet will it print?

The plate cylinder of the T-51 is identical in size to that of the 1250, thus the image area is the same. Of course the T-51 does not come in contact with the paper in any way (only the blanket) and therefore the sheet size is controlled by the capacity of the 1250.

Will it run envelopes?

Envelopes are a very good application for the T-51 since the second color can be added without having to feed through the second time.

Will it run coated stocks?

Yes, coated stock and gummed labels can be run as easily as running a single color on coated stocks.

Can you print one color over another?

Yes, with certain restrictions, two heavy solids should not be overlaid, instead a positive should be used to drop out the background under the solid. It is not necessary to overlap the colors to assure registration since both colors are locked in position and will hold indefinitely. The overlaying of screens seldom causes problems. The wide variety of artwork and layouts used today make it impossible to give any general rules regarding overlays, however under normal conditions the possibilities and the limitations soon become obvious and the work is planned accordingly.

Will it lay a good solid?

Yes, the T-51 was designed with capacity and coverage in mind. Its performance on solids and screens is excellent.

Do I use special inks?

No, the inks and fountain solution you now use on your 1250 will work fine in the T-51.

T-51 COLOR

Auxiliary Equipment . . .

FAST INK RECOVERY



from your
Multilith with
the ratchet-action

SPEED-FLO CRANK

When printing heavy solids and the ink coverage becomes light, a few spins of the Speed-Flo Crank gives fast, immediate recovery. What's more, with this crank you can set the fountain screws more easily, faster and more accurately. Easier clean-up, too! In a matter of seconds, you can replace the knob on a 1250 or 1250W Multilith with the Speed-Flo Crank and enjoy all these advantages.

for your
1250
or
1250W
Multilith

Sparkling Reproduction
from your
Multilith



with
Sparkle-Lith
Jumbo Oscillating Shell

Get sparkling halftones; brilliant solids. Sparkle-Lith won't strip nor glaze! Perfectly transparent; makes cleanup easy even from dark to light colors. Tremendous recovery power. Previously available only on T-51 Color Press, now everyone can have. Install on 1250 or 1250W Multilith in 5 minutes.

MANUFACTURED BY TOWNSEND INDUSTRIES, INC., ALTOONA, IOWA